

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
GEOTEXTILE STABILIZATION

C&T:GAP

1 of 1

C&T:APPR:JAR:LT:04-29-02

a. Description. Complete this work according to the Standard Specifications for Construction and this special provision. Furnish and install geosynthetics as specified and/or in accordance with the manufacturer's recommendations.

b. Materials. The materials must meet the following requirements:

Stabilization Geotextile..... 910

c. Construction. Spread stabilization geotextile smoothly on prepared grades and anchor firmly prior to placing backfill or cover materials. Do not operate equipment required to place backfill or cover materials directly on the geotextile. Smooth wrinkles or waves which develop in the geotextile. Either shingle-lap (minimum 2 feet) or seam all longitudinal and transverse joints in the geotextile. Field or factory seams, sewn or sealed, must meet specified grab tensile strength. Install seams facing upward.

Spread and grade the first lift of aggregate on the geotextile to create a stable work platform prior to compaction. Place additional aggregate, as required, in 8-inch maximum lifts and compact as directed by the Engineer. If surface ruts exceed 6 inches during construction, reduce construction vehicle loads and/or increase lift thickness. Fill ruts with new material prior to placement of subsequent lifts. Do not blade down these ruts.

d. Measurement and Payment.

Contract Item (Pay Item)

Pay Unit

Geotextile Stabilization..... Square Yard

Payment for **Geotextile Stabilization** includes all material, labor, and equipment necessary to complete the work as described except that aggregate materials, including additional material required to fill ruts, will be measured and paid for separately.